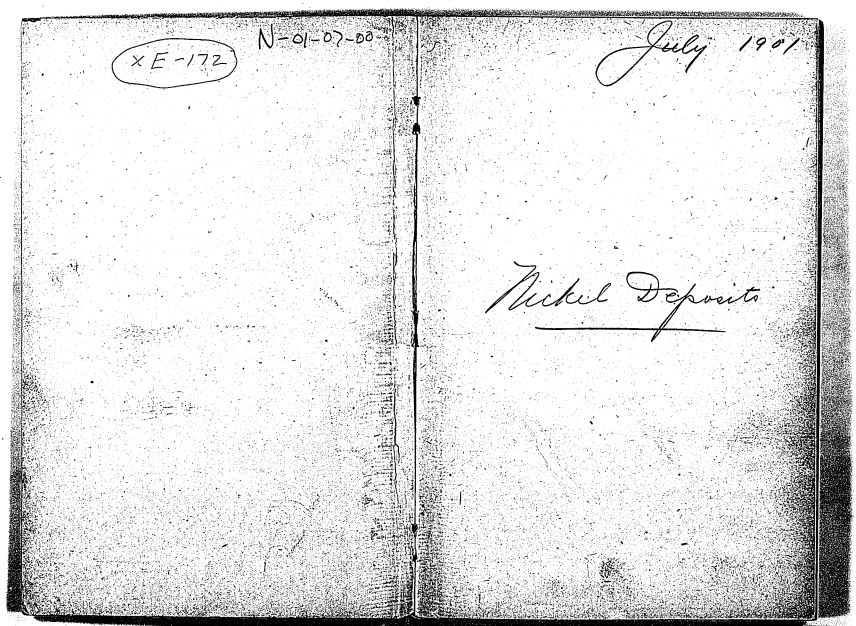
Mining Exploration Company of New Jersey and Related Records
Field Operations Notebook, N-01-07-00

The one dated entry in this notebook is from July 1901. The book was used by Edison and John V. Miller for notes about mines and mineral rights. Miller's notes pertain to published geologies and mining reports primarily in regard to surveys in Connecticut, New Jersey, New York, and North Carolina. There are a few notes about other North American locations. The entry by Edison is undated and describes mineral deposits in Haywood and Jackson counties, North Carolina. The entry also mentions the work of Dr. Ebenezer Emmons, former state geologist of North Carolina. The cover and spine are labeled "Nickel Deposits." The pages are unnumbered; only 14 pages have been used.


XE-172
N-01-07-00
July 1901
Nickel Deposits

Nickel pyrrhotite near Peekskill at Anthony Nos.
T. I. M. E. Vol. XXIV pp. 631

Nickel pyrrhotite near Warwick

" " " Charlottenburgh New Jersey.

Finksburg, Carrol Co. Md.

Presence of Ni in serpentine rock with chromate in Pennsylvania is well known by beautiful green crusts on massive chromate. Quarried at Woods Mine. Comes from Ni sulphide disseminated in massive nickeliferous talc accompanying the chromate.

At Chatham, Conn. 6 miles from Middletown ore is arsenical. Occurs in mica slate

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Torrington, Conn. also at Litchfield. Nickel mine 10 miles further south. Mine is full of water -

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Ni in township of Orford, Quebec, (Millerite)
See Hunt Geology of Canada 1863 p. 738
Also - Eustis. T. A. M. E. Vol. VI p. 209
Has 6 lbs. of Ni to the ton. 6th lot of the 12 Ranges of Orford -

N. C. Mar Dobster, Jackson Co. in immediate vicinity also - 6 miles N. E. of town. An area of Chromite work, contains grabs Chromite. DeKalb says - 1½ % Ni. Gen't lite and garnerite first is hydrous silicate of Ni. Many of the talc veins are stained & colored by Ni Says proprietor is Mr. Schreiber but DeKalb says he is only agent for estates & thinks he is bribed by Canadean Copper Co. to give warning when any body wants the deposit. Can find owner

by inquiry & records at County seats -

Sterry Hunt says Ni generally disseminated in serpentine Rock from Canada to Maryland, associated with Chrome ores. See Chem. & Geol. Essays - p. 31 - also Reports Geol. Survey of Canada -

Says Ni is always present in the Green Mountain series of Serpentine Rocks & in steatites, talc, etc.

Niccoliferous Limonite in Lincoln Co. N. C.

Spathic iron ore of Antwerp N.Y. contains Ni in form of Millerite

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Thunder bay, Canada. Silver Harbor West side of bay - North shore of Lake Superior
Se. T. I. M. E. Vol. I p. 482

Pyrite from lands of Wm. Fitts of Branchville, Warren Co. N.J. Sent to Lab. of Geol. Survey by C. F. Stabler of Washington, N.J. 0.4% Ni & some Co.

Pyrite from Califon, Hunterdon Co. - N.J. Sent by Theo Lance of High Bridge - Nickel 0.3%

Nickel ore at Russel Springs, Logan Co - Kansas -
Discribed by T. P. Denny -
T. I. M. E. Vol. XVII p. 636

Ni in pyrrhotite in Black Hills at Spring Creek -
Average 1½ % - States that all pyrrhotite carries Ni -
T. I. M. E. Vol. XVII p. 582

Arkansas Geological Survey -
1888 - Vol. I p. 34 -

Ni deposits of N. C.
Eng. & Mining Journal - Apr. 30. '92

Occurrance of Ni in Nevada -
T. I. M. E. Vol. X, p. 657

H. R. Ingalls - on Ni. -
Eng. & Mining Journal
Jan. 2, '92 p. 40

S. B. Newberry -
Ni ores from Nevada -
Silliman's Journal Vol. 3 p. 122
(2nd Series)

Hunt -
Occurrence of Ni in Gaston Co. N.C.
Silliman's Journal Vol. 27 p. 34

The large western silicate of
Ni mine is at Riddle Station
Douglas Co., Oregon. And
also a pyrrhotite with Ni
in mine 8 Co - Jackson County

at Rock point Oregon.

Ni ores reported from Selma County, Arkansas.

Pyrrhotite Mine at Draeut, near Lowell, Mass.

Ni ores of Oxford, Lercbee, Eng. & Mining Journal. Mch. 16, '78

Anthony Nova mine described T. I. M. E. Vol. XXIV p. 631
0.3% Ni & 0.5% Copper.

At Stony Point on the Hudson - there is a band of Talc band -

Pyrrhotite disseminated through the rock -

There are old workings just north of St. John Episcopal Church + School - 3 miles west of Harrowgate -

D. A. Speck of Harrowgate is well acquainted with mineralogy of this region -

Another deposit just west of 78 Montgomery -

The Talcbands assay -
from 0.1 to 0.5% Ni -
Usually - 0.25%
This could be concentrated
very high

Ni in serpentine at Roxbury, Vt.
also in serpentine at New Haven, Conn.
also at Hoboken, N. J.

0.9% in serpentine at
Texas, Pa. (Lancaster Co.)

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at Nottingham and East Goshen,
Chester Co., and West Chester,
Pennsylvania - Nickeliferous ores.

Also at Mineral Hill, Newtown, Marple & Middletown, Delaware County, Pa -

In Maryland at Bare Hills, Coopstown, Hartford Co. and also in north part of Cecil Co. - Md -

Crysolite at Waynesville Haywood Co NC Contains according to Dr Geo B Hanna 0.15 Nickel Oxide

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Mineral right at Webster NC on Lossi tract 100 acres was purchased by Late Col W B Robison of Murfreesboro Tenn + A B Tavel of Nashville Tenn on N side of Tuckaseege + Capt CC Pinckney of Charleston SC purchased simular right in the "Monteith + Fillbright tract" of between 500 + 600 acres on South side —

Mr W M Bowron of Smith Pettibury Tenn was employed in Engineering work — Bowron measuring, rubbing grass to see out, Emmens says heavy wood of South

Emmons says — Chrysolite
Outcrop of Ni noticed by Biddle in his
Good report near Webster are
Commercial + do not constitute the
workable deposits — The latter occur
in the form of veins + are of 3 distinct
species 1st a series of right running
veins occupying fissures which are
normal to planes of division that gives
a bedded aspect to the Serpentine
rock 2nd (here are numerous Counter
veins striking obliquely + 3rd
bedded veins located in planes
of division, his opinion is that
Counter + bedded veins will not
be very productive but right
running veins alone will yield
Considerable quantities of ore
gangue Soft hydrous magnesian
mineral associated with
abundance of Vermiculite —
+ imbedded masses ferruginous
Earth